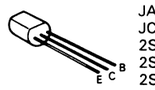
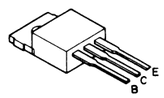
RB261
RB251

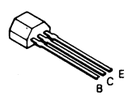
JA501
JC501
2SA733 (A)
2SA999
2SC1845
2SC1923
2SC945 (A)
2SD1302



2SD1266

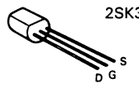


2SA933S
2SC1740S



2SC2714

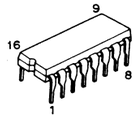
2SK364



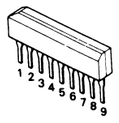
2SK302

3SK131

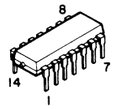
AN7470



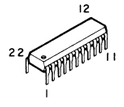
LA7910



CX7925B



LA1265



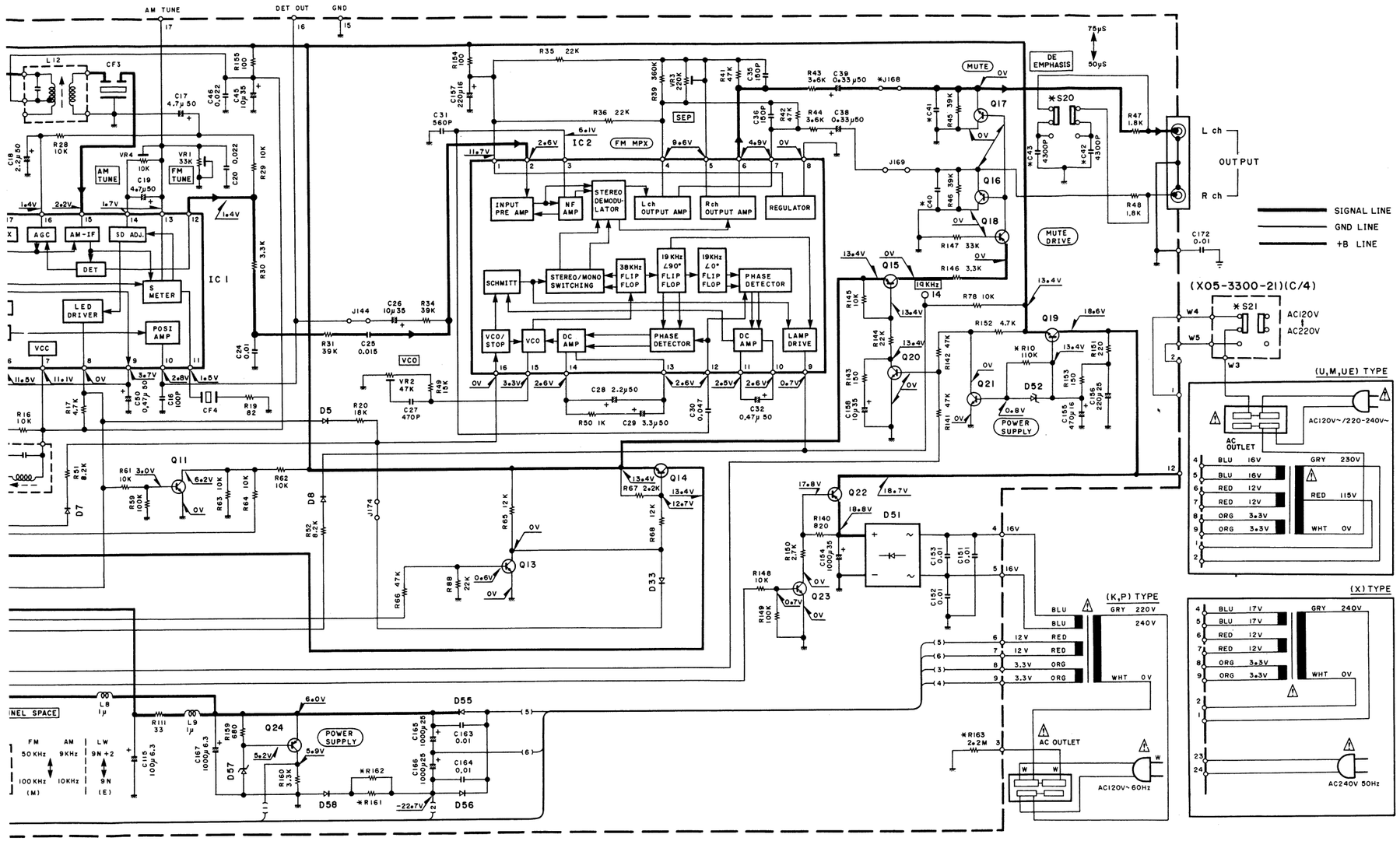
(X05-3300-10) (A/4)

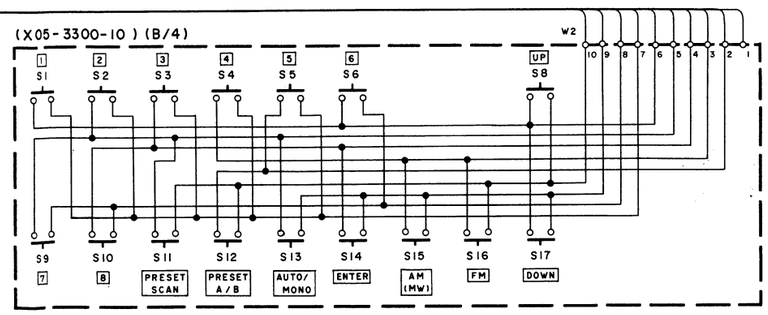
(X86-1040-10)

Q1 : 2SK302 (Y, GR)
Q2 : 2SC2714 (O)
Q4,5 : 2SC2714 (R,O)
D1~3 : KV1310A-3

FLI:FIP8BRM7

(X05-3302-71) (D/4)





IC 1 : LA1265
IC 2 : AN7470
IC 3 : CX7925B
IC 4 : UPD7538AC-041

Q1 : 2SC1923(R,O)
Q2,6,11,13,20 21,23,26,28,31 : 2SC945(A)(Q,P) or 2SC1740S(Q,R)
Q3 : 2SC1845(F,E)
Q14,15,18,24,25,27 29,30 : 2SA733(A)(Q,P) or 2SA933S(Q,R)
Q16,17 : 2SD1302(S,T)
Q19 : 2SD1266(Q,P)
Q22 : 2SA999(E,F)

D1,4,5,7,8,11~20 22~33 : 1SS133
D3 : KV1236(Z2)
D51 : 1B4B41
D52 : RD13ES(B2)
D54 : RD10ES(B)
D55,56,58 : DSM1A1
D57 : RD5.1ES(B2)
D59 : RD5.1E(B)

(X05-330) DESTINATION	NO.	R10	R22	R129	R130	R163	C40,41	C42,43	S19	S20,21	Q25	D22
K,P	0-10	NO	12K	NO	NO	YES	0.022	NO	NO	NO	NO	NO
U,M,UE	0-21	YES	39K	YES	YES	NO	0.015	YES	YES	YES	YES	YES
X	0-71	NO	39K	NO	NO	NO	0.015	NO	NO	NO	NO	NO

R161,162	J138,141	J75,78,145,152,168
1K 2W	NO	NO
820 2W	YES	YES
1K 2W	NO	NO

KT-56 (K)
KT-56 (K)

(X86-1040-10)

	G	D	S
Q1	—	9.0V	—

	B	C	E
Q2	0.7V	11.8V	—
Q4	—	11.5V	5.0V
Q5	0.7V	11.2V	—

(X05-3300-10) (A/4)

	B	C	E
Q1	2.1V	11.4V	1.4V
Q2	0.6V	4.6V	0V
Q3	1.1V	4.6V	0V
Q6	0.6V	9.2V	0V
Q11	3.0V	6.2V	0V
Q13	0.6V	0V	0V
Q14	12.7V	13.4V	13.4V
Q15	13.4V	0V	13.4V
Q16	0V	0V	0V
Q17	0V	0V	0V
Q18	0V	0V	0V
Q19	13.4V	18.6V	13.4V
Q20	0V	13.4V	0V
Q21	0.8V	0V	0V
Q22	17.8V	18.7V	18.8V
Q23	0.7V	0V	0V
Q24	5.2V	5.9V	6.0V
Q25	2.7V	2.9V	3.1V
Q26	0.6V	0V	0V
Q27	5.3V	5.9V	5.9V
Q28	5.0V	5.9V	4.4V
Q29	3.0V	4.4V	4.4V
Q30	3.8V	4.4V	4.4V
Q31	0.6V	0V	0V

IC1

1	2.14V
2	2.15V
3	2.15V
4	0V
5	11.4V
6	11.5V
7	11.1V
8	0V
9	3.7V
10	2.8V
11	1.5V
12	1.4V
13	1.7V
14	1.7V
15	2.2V
16	1.4V
17	11.2V
18	0V
19	0V
20	3.6V
21	3.6V
Q22	2.2V

IC2

1	11.7V
2	2.6V
3	6.1V
4	9.6V
5	9.6V
6	4.9V
7	4.9V
8	0V
9	0.7V
10	2.6V
11	2.5V
12	2.6V
13	2.6V
14	2.6V
15	3.3V
16	0V

IC3

1	−2.5V
2	0V
3	−0.2V
4	−0.2V
5	2.1V
6	2.2V
7	1.1V
8	3.6V
9	0V
10	0.3V
11	2.5V
12	4.9V
13	4.3V
14	0V

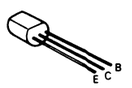
CAUTION: For continued safety, replace safety critical components only with manufacture's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before tha appliance is returned to the customer.

DC voltages are as measured with a high impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units.

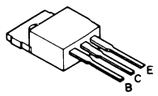
Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60 dB à la borne ANT). Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser bei Empfang eines UKW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

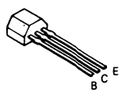
KT-56
KENWOOD



JA501
JC501
2SA733 (A)
2SA999
2SC1845
2SC1923
2SC945 (A)
2SD1302

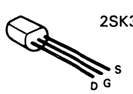


2SD1266



2SA933S
2SC1740S

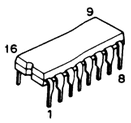
2SC2714



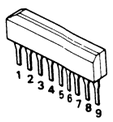
2SK364

2SK302

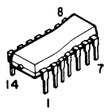
3SK131



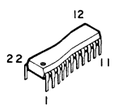
AN7470



LA7910



CX7925B



LA1265

(X05-3302-71)(A/4)

(X86-1052-70)

Q1,3 : 2SK302(Y,GR)
Q2 : 3SK131(M,L)
Q4,5 : 2SC2714(R,O)
D1~4 : KV1310-4

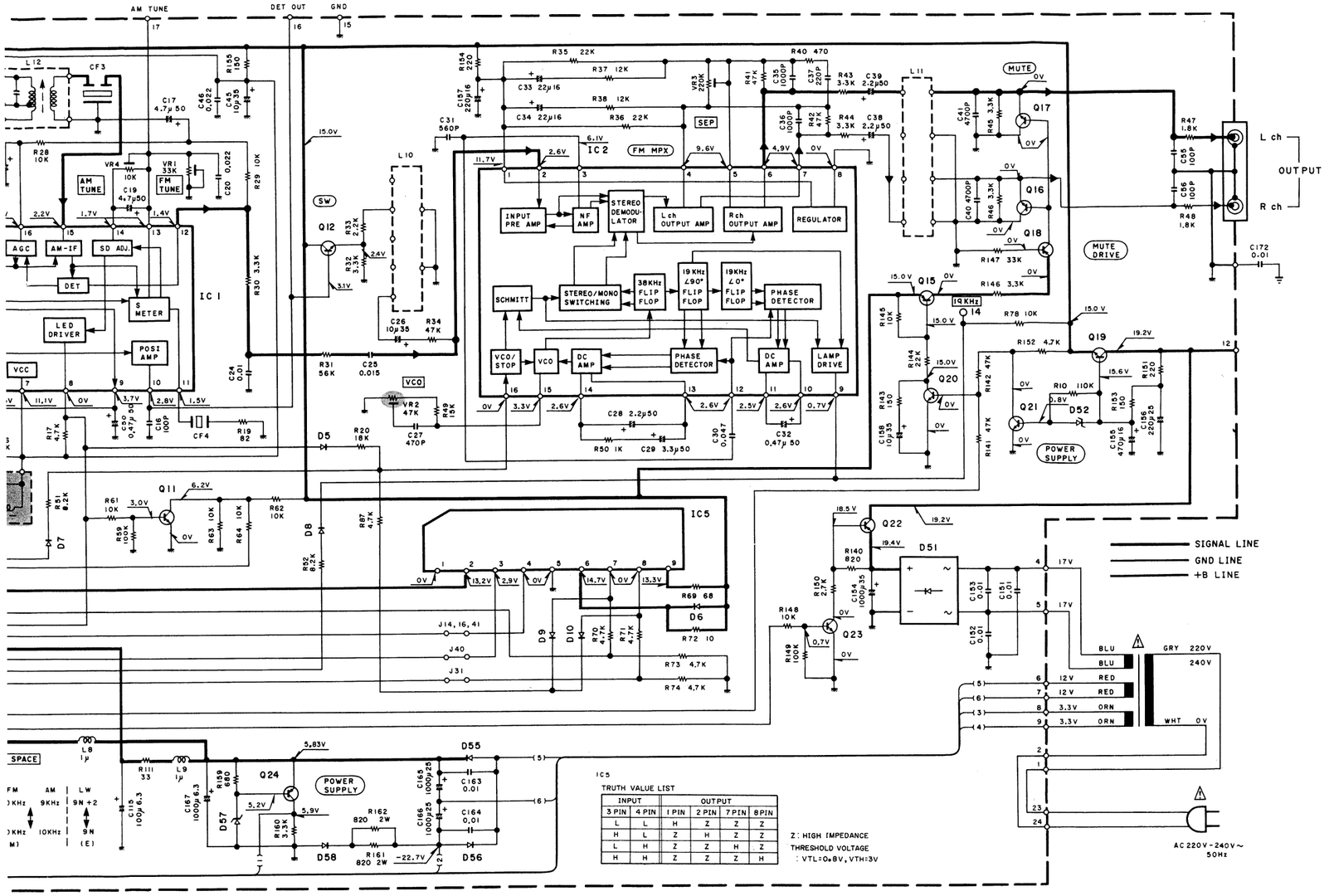
FLI:FIP8BRM7

IC1 FM/AM TUNER
IC3 PLL FREQUENCY SYNTHESIZER
IC4 MICRO PROCESSOR

(X05-3302-71)(D/4)

(X05-3302-7

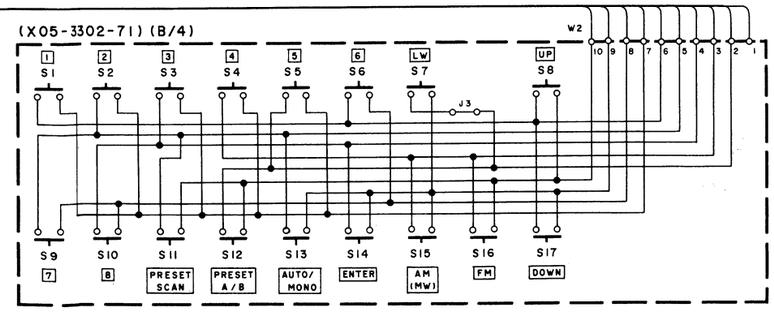
2566



IC5 TRUTH VALUE LIST

INPUT		OUTPUT			
3 PIN	4 PIN	1 PIN	2 PIN	7 PIN	8 PIN
L	L	H	Z	Z	Z
H	L	Z	H	Z	Z
L	H	Z	Z	H	Z
H	H	Z	Z	Z	H

Z : HIGH IMPEDANCE
THRESHOLD VOLTAGE : VTL=0.8V, VTH=3V



IC 1 : LA1265
IC 2 : AN7470
IC 3 : CX7925B
IC 4 : UPD7538AC-041
IC 5 : LA7910

Q1 : 2SC1923(R,O)
Q2, 5~8, 11, 12, 20, 21, 23, 26, 28, 31 : 2SC945(A)(Q,P) or 2SC1740S(Q,R) or JC501(Q,P)
Q3 : 2SC1845(F,E)
Q4, 9, 10 : 2SK364(GR, BL)
Q15, 18, 24, 25, 27, 29, 30 : 2SA733(A)(Q,P) or 2SA933S(Q,R) or JC501(Q,P)
Q16, 17 : 2SD1302(S,T)
Q19 : 2SD1266(Q,P)
Q22 : 2SA999(E,F)

D1, 4~22, 27, 30~32, 34 : 1SS133
D2, 3 : KV1236(Z2)
D51 : 1B4B41
D52 : RD15ES(B2)
D54 : RD10ES(B)
D55, 56, 58 : DSM1A1
D57 : RD5.1ES(B2)
D59 : RD5.1E(B)

(X86-1052-70)

	G	D	S
Q1	—	9.0V	—
Q3	—	7.0V	—

	G1	D2	D	S
Q2	—	—	11.5V	—

	B	C	E
Q4	—	—	5.0V
Q5	—	11.2V	—

(X05-3302-71) (A/4)

	B	C	E
Q1	2.1V	—	1.4V
Q2	0.6V	4.6V	0V
Q3	1.1V	4.6V	0V
Q5	0V	14.7V	0V
Q6	0.6V	9.2V	0V
Q11	3.0V	0.2V	0V
Q12	3.1V	15.0V	2.4V
Q15	15.0V	0V	15.0V
Q16	0V	0V	0V
Q17	0V	0V	0V
Q18	0V	0V	0V
Q19	15.6V	19.2V	15.0V
Q20	0V	15.0V	0V
Q21	0.8V	0V	0V
Q22	18.5V	19.2V	19.4V
Q23	0.7V	0V	0V
Q24	5.2V	5.9V	6.0V
Q25	2.7V	2.9V	3.1V
Q26	0.6V	0V	0V
Q27	5.3V	5.9V	5.9V
Q28	5.0V	5.9V	4.4V
Q29	3.8V	4.4V	4.4V
Q30	3.8V	4.4V	4.4V
Q31	0.6V	0V	0V

IC1

1	2.14V
2	2.15V
3	2.15V
4	0V
5	11.4V
6	11.5V
7	11.1V
8	0V
9	3.7V
10	2.8V
11	1.5V
12	1.4V
13	1.7V
14	1.7V
15	2.2V
16	1.4V
17	11.2V
18	0V
19	0V
20	3.6V
21	3.6V
Q22	2.2V

IC2

1	11.7V
2	2.6V
3	6.1V
4	9.6V
5	9.6V
6	4.9V
7	4.9V
8	0V
9	0.7V
10	2.6V
11	2.5V
12	2.6V
13	2.6V
14	2.6V
15	3.3V
16	0V

IC3

1	−2.5V
2	0V
3	−0.2V
4	−0.2V
5	2.1V
6	2.2V
7	1.1V
8	3.6V
9	0V
10	0.3V
11	2.5V
12	4.9V
13	4.3V
14	0V

IC5

1	0V
2	13.2V
3	2.9V
4	0V
5	0V
6	14.7V
7	0V
8	0V
9	13.3V

Q4	G	D	S
	4.6	5.1	4.6

KT-56L (E)

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2566

KT-56L
KENWOOD